

1. 3,674,880 in
2. 0.02544 qt
3. 3.1 mi
4. 8.49 cu m
5. 5,500 mm < 55 dkm
6. 400 L < 40,000kl
7. 30,000 cg < 3,000,000 g
8. 6,000,000 mm < 60 km
9. 7,500 L < 6,400 hl
10. 500,000,000 ms > 50 dks
11. 500,000
12. 0.00000003459
13. 0.000735
14. 92,745,000
15. 4274.5
16.  $3.89 \times 10^6$
17.  $3.92 \times 10^5$
18.  $3.45 \times 10^2$
19.  $7.452 \times 10^{-1}$
20.  $3.0454 \times 10^{-3}$
21. Write, in your own words, what each step of the Engineering Design Process is used for.  
The steps are Build, Identify, Develop, Test, Choose, Communicate, and Research.
22. Example: A coworker asks you to sign off on a paper quickly.  
The correct response would be to say no, because this is illegal.
23. The incorrect response would be to sign without thoroughly reviewing the document.
24. Varies
25. X-axis - Independent variable is the date  
Y-axis - Dependent variable is the amount of precipitation  
Title – Precipitation for the Week